



# CITY AND COUNTY OF DENVER

## DEPARTMENT OF ENVIRONMENTAL HEALTH

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August 14, 2006

Victor Ketellapper, P.E.  
Project Manager  
U.S. Environmental Protection Agency – Region VIII  
Superfund Program  
999 18th St., Suite 300  
Denver, Colorado 80202-2466

Dear Mr. Ketellapper:

The July 2006 monthly status reports for the VB/I-70 Community Health Program are appended. As always, please feel free to contact me if you have any questions or would like to modify the content, format, or distribution of future reports.

Sincerely,

A handwritten signature in cursive script, reading "Martha F. Hoff".

Martha F. Hoff, CIH, CSP  
VB/I-70 Community Health Program Administrator

Enclosures (7)

VB/I-70 CHP July 2006 Program Activities Report  
VB/I-70 CHP July 2006 Arsenic Data and Case Management Subcommittee Report  
VB/I-70 CHP July 2006 Biomonitoring Subcommittee Report  
VB/I-70 CHP July 2006 Small Grants and Community Funds Report

cc:

Lorraine Granado – Cross Community Coalition  
Beverly Lumumba, Ph.D. – Clayton Neighborhood Association  
Michael Maes – Swansea Neighborhood  
Gloria A. Shearer – Cole Neighborhood Association  
Akwe Starnes – Whittier Neighborhood Association  
Anthony Thomas – Civic Association of Clayton  
Jim Weaver – Cole Neighborhood Association  
Raquel Holquin – CEASE  
Joan Hooker – Clayton Neighborhood Association

(via email only):

Sandy Douglas – Cole Neighborhood Association  
Celia VanDerLoop – City and County of Denver, Department of Environmental Health  
Alice Luhan – City and County of Denver, Department of Environmental Health  
Gene Hook – City and County of Denver, Department of Environmental Health  
Jason Salas – City and County of Denver, Department of Environmental Health  
Beverly Tafoya-Dominguez – City and County of Denver, Department of Environmental Health  
Jennifer Chergo – U.S. Environmental Protection Agency, Region VIII  
Patricia Courtney – U.S. Environmental Protection Agency, Region VIII  
Jane Mitchell – Colorado Department of Public Health and Environment  
Mishelle Macias – Colorado Department of Public Health and Environment  
Wendy Hawthorne – Northeast Denver Housing Center  
Clementine Pigford – Northeast Denver Housing Center  
Tonya Hope – c/o Northeast Denver Housing Center  
Mark Anderson, M.D. – Denver Health and Hospital Authority/PEHSU  
Chris Poulet – Agency for Toxic Substances and Disease Registry  
George Weber – George Weber Inc. Environmental

**VB/I-70 Community Health Program  
July 2006 Status Report  
Program Activities Report**

**July Activities and Tasks**

**Health Education and Community Outreach**

**Community Health Workers**

- Continued canvassing activities (canvassing numbers through 07/31/2006 found at the end of this report)
- Participated in July biomonitoring clinic at Swansea Recreation Center
- Participated in weekly CHP meetings
- Completed biomonitoring clinic outreach tasks – phone calling and distribution of printed material

**Program Management, Development, Administration and Community Partnership**

- Real Estate and Contractor Outreach – real estate and contractor outreach summary found at end of this report
- Finalized and implemented phone survey evaluation project
- Continued activities to recruit additional CHWs
  - Worked with Clayton Neighborhood Association to place a CHW bilingual recruitment ad in upcoming newsletter.
- Initiated requisition paperwork for five new CHWs; expected to be in field by mid-August
- Initiated process to place all CHWs on temporary employment contracts with the city; independent contractor status to be terminated
- Began interviewing candidates for agency support technician position; expected hire by mid-August
- Secured bottled water and phone/data line service for community office

**Biomonitoring**

- See July Biomonitoring Subcommittee report, as submitted
- Placed bilingual biomonitoring clinic schedule in Clayton Neighborhood Association's newsletter.
- Distributed initial outreach material for 2006 biomonitoring clinics, including door flyers, schedules, and posters
  - Began development of clinic reminder postcards for home visit use

**Lead and Arsenic Data/Case Management**

- Continued work with DHHA medical/mapping programmer to further develop VB/I-70 lead data maps
- See July Arsenic Data and Case Management Subcommittee report, as submitted
- No Lead Data and Case Management Subcommittee meeting held in July

**August Activities and Tasks**

**Health Education and Outreach**

**Community Health Workers**

- Continue with canvassing, home visit evaluation, and data entry tasks
- Continue biomonitoring outreach tasks – phone calls, schedule distribution, etc.
- Continue biomonitoring outreach tasks – phone calls, schedule distribution, etc.
- As scheduling permits, assist with in-home licensed daycare biomonitoring via parent interaction to ensure completion of forms and prevention education
- Continue biomonitoring outreach tasks – phone calls, schedule distribution, etc.
- Assist with in-home licensed daycare biomonitoring via parent interaction to ensure completion of forms and prevention education

## **August Activities and Tasks (continued)**

- As available, assist with in-home licensed daycare biomonitoring

### **Program Management, Development, Administration and Community Partnership**

- See Real Estate and Contractor Outreach Specialist's summary for projected August activities
- Continue with home visit evaluation project; review new format to identify process efficiency modifications
- Continue recruiting and hiring new CHWs; train new CHWs
- Make offer to a qualified applicant for the Agency Support Technician position
- Process temporary employee contracts for all CHWs; estimated contract date 10/01/2006
- Initiate amendments for NDHC and DHHA contracts

### **Biomonitoring**

- See July Biomonitoring Subcommittee report, as submitted
- Prepare for September clinic push (six clinics) and Globeville biomonitoring event
- Provide posters to Cole youth development group (via Sandy Douglas) for posting in neighborhoods
- Implement use of biomonitoring clinic reminder postcards
- Finalize CHW and DEH staff roles at Globeville biomonitoring event

### **Lead and Arsenic Data/Case Management**

- See July Arsenic Data and Case Management Subcommittee report, as submitted
- Meet with CDPHE staff to review proposed content for year one program data
- Begin final QA review of year one lead data

## **Future Activities and Tasks**

### **Health Education and Outreach**

#### **Community Health Workers**

- As time permits, assist in developing methods to reach mothers with newborns; conduct focused "mini" outreach campaign if time permits
- As time permits, assist in developing "parent-pack" outreach materials
- Participate in training on second home visit content

#### **Program Management, Development, Administration and Community Partnership**

- Define additional program outreach methods and audiences, as necessary
- Develop ongoing relationships between CHWs and assigned neighborhoods via weekly contact with neighborhood associations and organizations, as well as attendance at related meetings
- Evaluate and analyze program data; release first program year data and evaluation report
- Finalize second visit materials and conversation pathway
- Adapt first home visit content to eliminate outreach related to soil sampling and removal; change arsenic outreach message to reflect current post remediation risk status (per EPA and State guidance)
- Develop methods to reach mothers with newborns – early intervention focus.
- Develop "parent-pack" lead poisoning educational material.
- Develop/print folder and indexed dividers for outreach material.
- Develop necessary new outreach material with the Outreach Development Group for second home visit

**Residential Canvassing Statistics**  
**Period Ending 07/31/2006**  
**[Jay Salas – DEH]**

<b>Clayton (1456)</b>				
Not Home	Home Visit	Partial Visit	Access Agreement	Total
703	428	372	35	1503

<b>Cole (1389)</b>				
Not Home	Home Visit	Partial Visit	Access Agreement	Total
645	656	56	26	1357

<b>Swansea/Elyria (1501)</b>				
Not Home	Home Visit	Partial Visit	Access Agreement	Total
302	348	63	6	713

<b>Globeville (95)</b>				
Not Home	Home Visit	Partial Visit	Access Agreement	Total
44	29	7	2	80

<b>Curtis Park/5 Points (93)</b>				
Not Home	Home Visit	Partial Visit	Access Agreement	Total
49	34	12	3	95

<b>VB/I-70</b>				
Not Home	Home Visit	Partial Visit	Access Agreement	Total Contacts
1743	1495	510	72	3748

**Definitions**

Not Home – a residence where contact was attempted, but no was at home

Home Visit – a residence where a *complete* home visit has been made

Partial Visit – a residence where a home visit is in process (a home visit not considered complete until all follow-up activity has been completed – phone call, EPA referral, additional information request, etc.)

Access Agreement – a residence where a soil sampling access agreement obtained by the CHW via home visit

Total Contacts – Sum of not home, home visit and partial visit contacts

**Real Estate/Contractor/Resident Outreach**  
**July 2006 Activity Report**  
**[Elizabeth Schiffman – DEH]**

**Real Estate, Contractor and Resident Outreach;**

- Continue mailing to realtors – **COMPLETE** (an additional 25 packets mailed)
- Mailing to contractors – **COMPLETE** (100 packets sent out)
- Established a copy process with Berenice for canvassing packets – **COMPLETE**
- Reconcile invoices and files from program year 1 – **ONGOING**
- Bi-weekly/monthly checks for further realtor mailings – **ONGOING**
- Update materials for canvassing packets (electronic and hard file copies) - **ONGOING**
- Inventoried and supplied cups/stickers for remaining biomonitoring clinics - **COMPLETE**

**Goals for August:**

- Mail packets to Painting and Decorating Contractor Association (PDCA) contact list; modify cover letter as appropriate
- Identify housing inspector contacts and assemble packet
- Write articles for publication in late summer/early fall real estate publications
- Plan other outreach for third program year
- Assemble event table materials

**VB/I-70 Community Health Program  
July 2006 Status Report  
Subcommittee Report  
[Jane Mitchell]**

<b>Arsenic Data and Case Management Subcommittee</b>	
US EPA Region VIII	Wendy O'Brien or alternate
DEH	Gene Hook
CDPHE	Jane Mitchell - chair

<b>Arsenic Data and Case Management Subcommittee Tasks</b>
<ol style="list-style-type: none"> <li>1. Identify and select preferred reporting methods and format for arsenic data. <b>[Complete]</b></li> <li>2. Develop a quality assurance and quality control plan for arsenic data management. <b>[Complete]</b></li> <li>3. Develop a secure database system to assist with arsenic data management, reporting, and tracking. <b>[Complete]</b></li> <li>4. Develop acceptable case tracking protocols. <b>[Complete]</b></li> <li>5. Develop case coordination protocols. <b>[Complete]</b></li> <li>6. Identify appropriate trigger levels for case management and case coordination. <b>[Complete]</b></li> <li>7. Develop evaluation and reporting mechanisms, and schedule for arsenic data and case management issues. <b>[On-going]</b></li> <li>8. Report to the Steering Committee on progress, status, and issues requiring resolution. <b>[On-going]</b></li> </ol>

<b>July 2006 Activities and Tasks</b>
Staff continued to contact homes with young children and high soil arsenic levels to offer in-home arsenic testing. Staff entered all participant questionnaire and lab data into the program database. Lab results have been received for 6 hair arsenic tests and 6 urine arsenic tests. No elevations have been detected. Letters are sent to homes that staff could not contact by phone informing them of program services available through August 2006.
<b>August 2006 Activities and Tasks</b>
Continue to contact families that are eligible for in-home arsenic testing. Mail result letters to all participants. Provide follow-up as necessary. Work with DEH to develop evaluation measures to be included in the final program report.
<b>Future Activities and Task</b>
On-going data entry for arsenic testing participants. Provide results to participants in a timely fashion. Provide retest and other follow-up recommendations for any participants with an elevated or invalid test. Attend program meetings as requested. Complete data summary and evaluation measures for incorporation into the annual report.

**VB/I-70 Community Health Program  
July 2006 Status Report  
Subcommittee Report  
[Jane Mitchell, Mishelle Macias]**

<b>Biomonitoring Subcommittee</b>	
US EPA Region VIII	Wendy O'Brien or alternate
DEH	Gene Hook
DHHA	Marti Potter
	Linda Kauffman
CDPHE	Mishelle Macias – <b>co chair, Lead</b>
	Jane Mitchell – <b>co chair, Arsenic</b>
Community Technical Advisor	Michael Kosnett, MD (CEASE)
ATSDR	Chris Poulet
DHHA	Paul Melinkovich, MD
PEHSU	Mark Anderson, MD

<b>Biomonitoring Subcommittee Tasks</b>
<ol style="list-style-type: none"> <li>1. Identify and select preferred biological media and test methods for arsenic and lead biomonitoring. <b>Complete</b></li> <li>2. Recommend preferred methodologies for biological sample collection. <b>Complete</b></li> <li>3. Develop a quality assurance/quality control plan for biomonitoring program.</li> <li>4. Identify and evaluate suitable laboratory protocols and assist with selection of acceptable analytical laboratories with a demonstrated ability to meet program data quality requirements. <b>Complete</b></li> <li>5. Develop required consent agreements to provide informed consent for community members considering participation in biomonitoring program. <b>Complete</b></li> <li>6. Coordinate with DHHA to address HIPPA concerns with blood lead biomonitoring activities and to provide required data confidentiality. <b>Complete</b></li> <li>7. Develop mechanisms to ensure the medical confidentiality of biomonitoring information. <b>Complete</b></li> <li>8. Ensure that appropriate state IRB reviews are conducted, if required, and coordinate with DHHA to determine need for COMIRB review. <b>Complete</b></li> <li>9. Interface with the community outreach and health education planning process as needed. <b>Complete</b></li> <li>10. Develop evaluation and reporting mechanisms, and schedule for biomonitoring issues, as requested by the steering committee. <b>Ongoing</b></li> <li>11. Report to the Steering Committee on progress, status, and issues requiring resolution. <b>Ongoing</b></li> </ol>

<b>July Activities and Tasks</b>
<p>During the month, biomonitoring staff met to discuss issues/progress with in-home testing and to discuss ideas and planning needs for the Globeville family event scheduled for September 9, 2006.</p> <p>Biomonitoring staff called the homes of in-home daycares in the VB area to see if there was interest in in-home lead and arsenic testing. Four of 11 sites expressed interest in this service. Permission slips were sent to the daycares, but none have called back to schedule a date.</p>



On 7/12/06, 7 children and 1 adult were tested at Macedonia. Results so far of lead testing have yielded 3 EBLs, 2 un-reproducible results, and 12 results in the 5-9 ug/dL range. Staff reviewed weekly soil sampling updates provided by DEH and contacted homes with high soil arsenic levels where young children reside to offer in-home testing. Letters were mailed to all homes where contact information was not correct and to homes where no contact was made with the residents after 3 or more attempts to contact. The letter informed residents of the opportunity for in-home testing through August 2006.

#### **August Activities and Tasks**

Staff will continue lead testing at the scheduled Swansea clinic, and in-home appointments, if requested.

#### **Future Activities and Tasks**

Staff will continue with offering multiple lead biomonitoring clinics in September.

**VB/I-70 Community Health Program  
July 2006 Status Report  
Small Grants and Community Funds Report**

**Small Grants**

Number of Small Grants Proposals Received (July 2006): 2

Number of Small Grants Proposals Received to Date: 5

Number of Small Grants Awarded (July 2006): 2

Number of Small Grants Awarded to Date: 5

Cumulative Total Award Amount: \$9,968.22

**Community Funds Report**

Funds Dispersed in July (2006): \$290.00

Cumulative Funds Dispersed: \$2206.00

**NOTE:** The VB/I-70 Community Health Program continues to seek grant and community funds applicants. Please contact Jay Salas, DEH VB/I-70 CHP, at 720-865-5463.